

IN THE SPECIFICATION

Please replace the paragraph beginning at page 2, line 1, with the following rewritten paragraph:

To achieve the above objects, the present invention provides a solenoid valve comprising a valve section having a valve member which comes into contact and separates from a valve seat to switch passage, and a solenoid portion for driving the valve member, wherein the solenoid portion comprises a fixed magnetic member, a bobbin around which a coil is wound, a ~~cylindrical~~ main magnetic cover surrounding the coil and constituting an outer profile of the solenoid portion, a magnetic plate provided in the magnetic cover adjacent to the bobbin, and a moving core which is slidably fitted into center holes formed such as to pass through the magnetic plate and the bobbin and which is adsorbed by the fixed magnetic member, an electrical insulation film is formed on at least an inner surface among inner and outer surfaces of the magnetic cover.

Please replace the paragraph beginning at page 2, line 16, with the following rewritten paragraph:

According to one of concrete embodiments of the invention, the fixed magnetic member is a fixed core which is fitted and fixed to one end of the bobbin, the magnetic cover ~~[[is]]~~ may be cylindrical in shape, the magnetic cover is integrally provided at its axial one end with an occluded section which comes into contact with the fixed core, and is provided at its other end with an opening section.

Please replace the paragraph beginning at page 2, line 21, with the following rewritten paragraph:

According to another concrete embodiment of the invention, the magnetic cover comprises a cylindrical main cover provided at its axial opposite ends with opening sections, and a magnetic cap for closing one of the opening sections, the fixed magnetic member is fixed to the magnetic cap, and inserted into the center hole a of the bobbin.

Please replace the paragraph beginning at page 2, line 26, with the following rewritten paragraph:

According to another concrete embodiment of the invention, the magnetic cover comprises a cylindrical main cover provided at its axial opposite ends with opening sections, and a magnetic cap for closing one of the opening sections, the magnetic cap is thicker than the cylindrical cover and also functions as the fixed magnetic member.

Please replace the paragraph beginning at page 7, line 3, with the following rewritten paragraph:

More specifically, the magnetic cover 34 is made of magnetic material (iron plate) by deep-drawing. The magnetic cover 34 comprises a cylindrical section 34a having a rectangular cross section, an occluded section 34b integrally formed on one end of the cylindrical section 34a in its axial direction, and an opening section 34c formed in the other side of the cylindrical section 34a. An inner surface and an outer surface of the magnetic cover 34 are formed with thin electrical insulation films 41 made of electrical insulation material.

Please replace the paragraph beginning at page 12, line 10, with the following rewritten paragraph:

Figs. 8 to 9 show a second embodiment of the solenoid valve of the present invention. The magnetic cover 34 of this solenoid valve comprises a cylindrical main cover 80 having a rectangular cross section and provided at its opposite sides with opening sections 80b and 80c, and a magnetic cap 81 having the same rectangular cross section as the cylindrical main cover 80. The cylindrical main cover 80 is formed by bending a magnetic plate such that its cross section becomes substantially rectangular shape and by fixing a joint end 80a by means of welding or the like. The magnetic cap 81 is thicker than the cylindrical main cover 80. A step 81a having a width which is about the same as a thickness of the cylindrical main cover 80 is provided around the magnetic cap 81. The step 81a is fitted into and fixed to the one of the opening sections 80b of the cylindrical main cover 80, thereby closing the opening section 80b.

Please replace the paragraph beginning at page 12, line 27, with the following rewritten paragraph:

Like the first embodiment, the insulation film 41 is formed on inner surfaces or both inner and outer surfaces of the cylindrical main cover 80 and the magnetic cap 81 which constitute the magnetic cover 34. In this case, it is preferable that a film non-formed portion where the insulation film 41 is not provided is formed on portions of the opening section 80b and the step 81a at which the cylindrical main cover 80 and the magnetic cap 81 come into contact, a portion of the cylindrical main cover 80 against which the inner surface magnetic plate 35 abuts, or a portion of the magnetic cap 81 against which the inner surface fixed core 32 comes into contact.

Please replace the paragraph beginning at page 13, line 11, with the following rewritten paragraph:

According to the embodiment shown in Figs. 8 to 9, the magnetic cover 34 has such a structure that one of the opening sections 80b of the ~~cylindrical~~ main cover 80 in which a magnetic plate is bent in one direction and opposed ends are connected to each other is closed by the separate magnetic cap 81. Therefore, waste of material can be reduced irrespective of shape of the cross section of the magnetic cover 34, and the solenoid valve can easily and inexpensively be produced.

Please replace the paragraph beginning at page 13, line 18, with the following rewritten paragraph:

Fig. 10 shows a third embodiment of the solenoid valve of the present invention. In this embodiment, the magnetic cap 81 which is thicker than the ~~cylindrical~~ main cover 80 also functions as a fixed magnetic member 32. An inner surface of the magnetic cap 81 is flat and forms a magnetic pole surface 81b. Therefore, the fixed core comprising a separate member is not provided unlike the second embodiment.